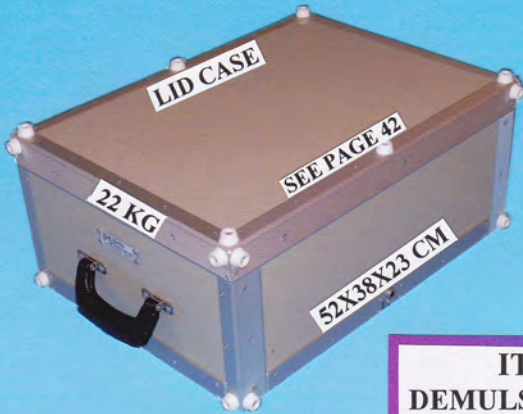
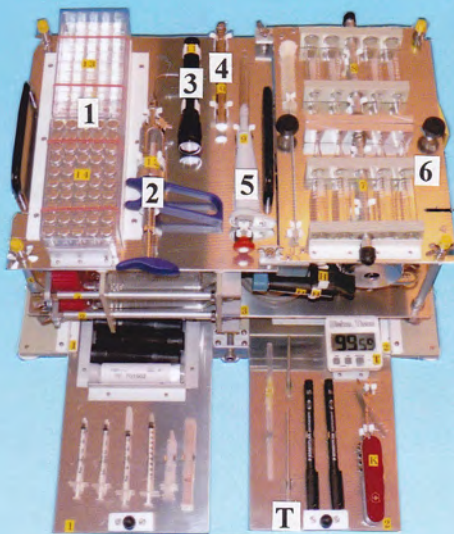
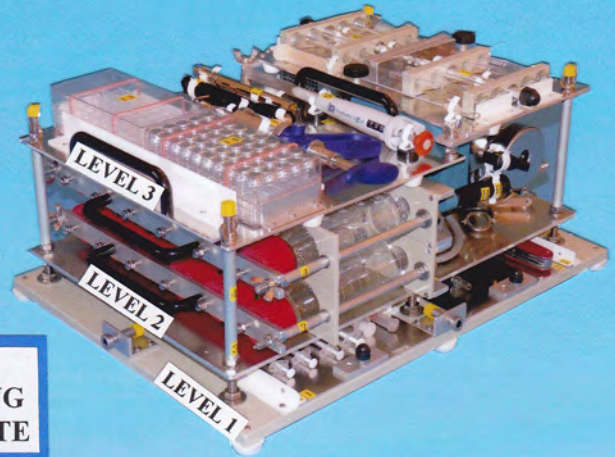


# Demulsifier Testing Equipment

A lid carrying case containing all equipment to select emulsion breakers for crude oil dehydration



ITEM#1002  
DEMULSIFIER TESTING  
EQUIPMENT COMPLETE



LEVEL 1

Packing and unpacking is very easy, most of the parts are skid mounted and held by fixation clamps – The numeration labelling at the top of each part, accessory or instrument corresponds to the same number where it does belong for packing. It is just the matter of matching numbers. Thus everything finds its right place very easy.

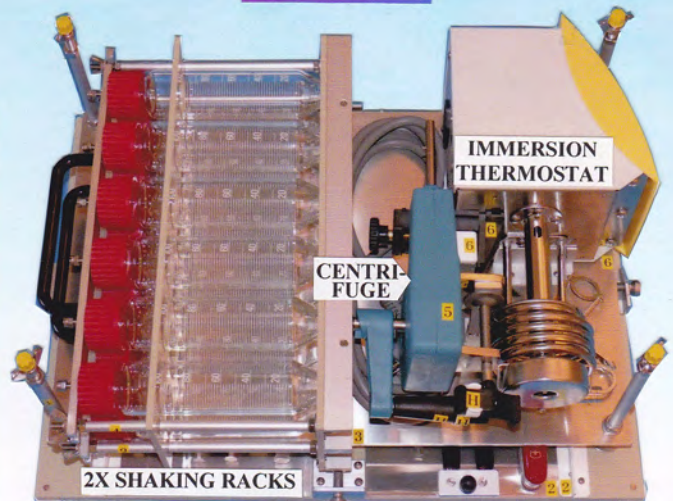
LEVEL 3 contains one box with 50 empty 2 ml bottles (1) with FPM seal and wide neck cap for demulsifier samples. An additional empty box rack is available – A pipetting syringe (2) to sample top oils – A flash light (3) to observe the interface – A manual thermometer (4) – A microsyringe (5) 1-10 µl that enables accurate demulsifier dosification undiluted directly into the emulsion – The tray at the right side (6) houses two racks, each with 4 API centrifuge tubes to determine basic sediments and water from the top oils.

LEVEL 1

Consist of two drawers that can be totally taken out just by pulling – The small parts and accessories find its place here:

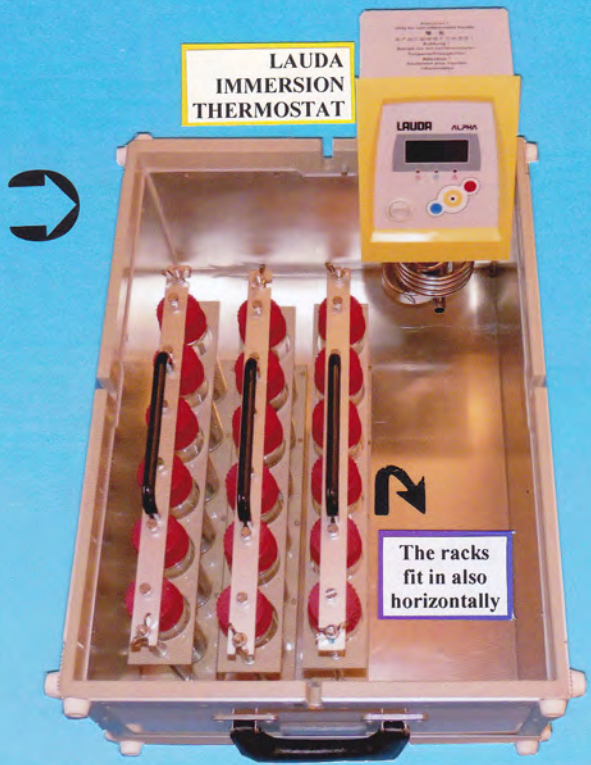
The left drawer contains a set of syringes of different volumes to prepare new blends or make dilutions + The hull sleeves to centrifuge the API finger tubes – The drawer at the right side contains the yellow cloth bands to label, the markers and the scissors of the Swiss knife to cut labels to the right size + The chronometer and the tubes to take top oil samples are also available here (T).

LEVEL 2



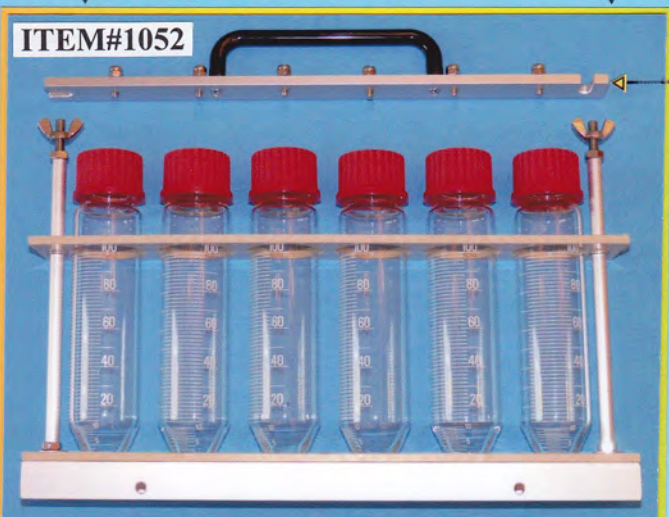
**WATER BATH**

The lid of the carrying case is lined with an aluminium jacked of 2 mm thickness, thus perfectly water tight. As shown besides it is used as water bath with a capacity for 4 racks (24 tubes) – An immersion thermostat with microprocessor temperature controller and circulation facility maintains constant temperature at all locations of the bath.



**NEW SHAKING RACK – 0.5 KG**

A new construction has allowed to drastically decrease weight of the empty rack ( now only 0.5 Kg) – Together with the 6 tubes it weighs 1.2 Kg – The base has been reinforced with 2 aluminium bars – No bending possible now – The 6, 100 ml conical graduated tubes are equipped with a screw cap and made of special thick glass walls – If a shaking machine is available, the racks can be assembled together.



The top bar can be totally taken off. Each tube can be individually fixed with an adjusting screw. No vibration when shaking or during transport.

**TOP OIL GRINDING**  
After finishing water separation, the top oil quality can be determined with API tubes and by grinding with a small hand centrifuge. It can be operated with a minimum force, no electricity required, extremely robust and totally maintenance free.

SHAKING RACK WITH 6, 100 ML DEMULSIFIER TUBES

Rack with 4 API finger tubes. The rack provides best protection for such fragile glass ware.



Top oils are taken precisely at the same level with an automatic pipetting syringe. (T) – Two tubes with different length are available – Samples can be taken at two levels.

